"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

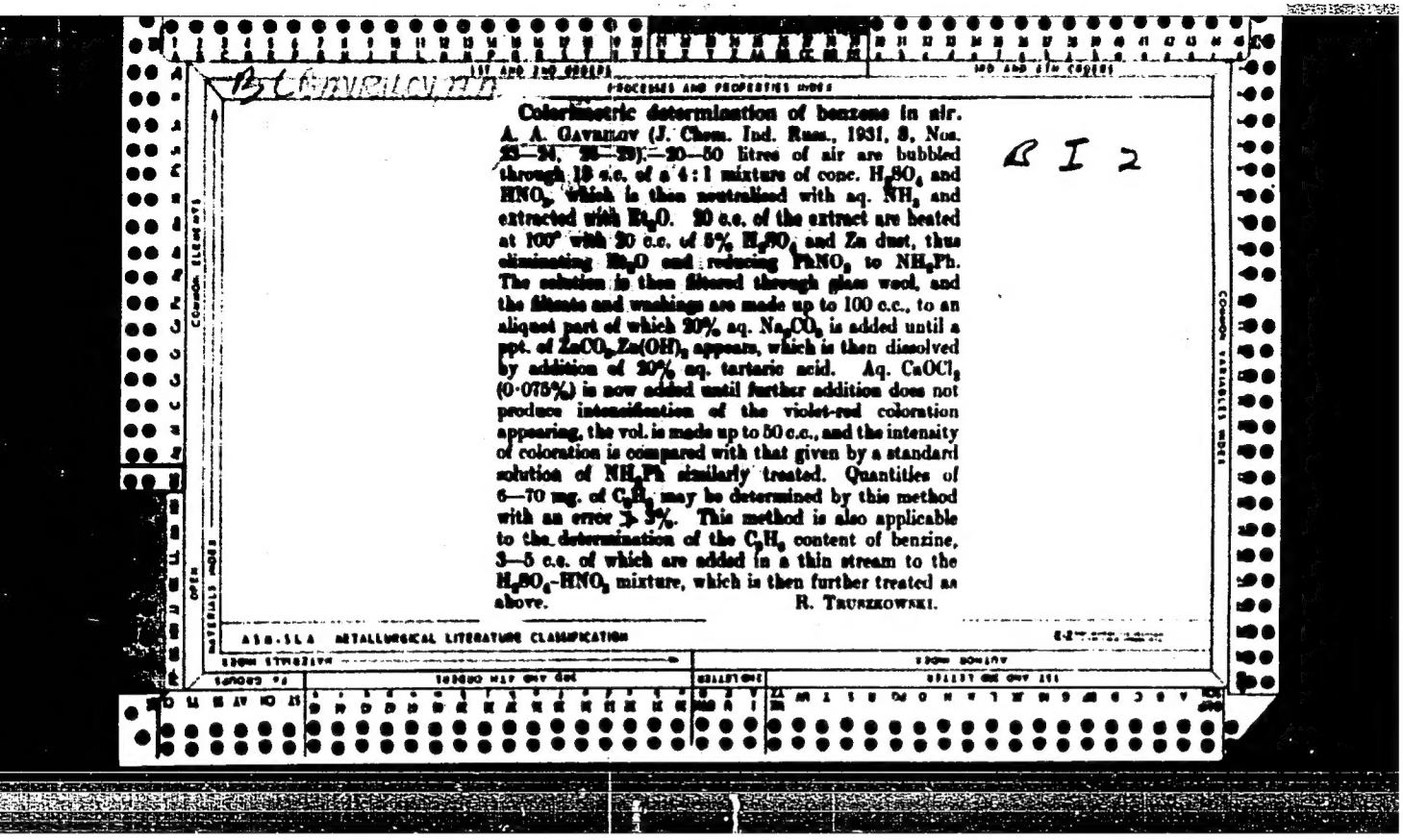
GAVRILOV, A.A.; ALEKSANDROVA, V.A.

Clay minerals of the Ordovician argillites of the Southern Urals. Dokl. AN SSSR 157 no.4:870-872 Ag '64 (MIRA 17:8)

1. Geologicheskiy institut AN SSSR. Predstavleno akademikom N.M. Strakhovym.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6



B CHEMISTRY AD

Colorimetric determination of benzene in air. A. A. Gavanov (J. Chem. Ind. Russ., 1931, 8, Nos. 23—24, 25—29).—20—50 litres of air are bubbled through 10 c.c. of a 4 : 1 mixture of conc. H_2SO_4 and HNO_3, which is then neutralised with aq. NH_3 and extracted with Et_2O. 20 c.c. of the extract are heated at 100° with 20 c.c. of 5% H_2SO_4 and Zn dust, thus eliminating Et_2O and reducing $PhNO_2$ to NH_2Ph. The solution is then filtered through glass wool, and the filtrate and washings are made up to 100 c.c., to an aliquot part of which 20% aq. Na_2CO_3 is added until a ppt. of $ZnCO_3.Zn(OH)_2$ appears, which is then dissolved by addition of 20% aq. tartaric acid. Aq. $CaOCl_2$ (0·075%) is now added until further addition does not produce intensification of the violet-red coloration appearing, the vol. is made up to 50 c.c., and the intensity of coloration is compared with that given by a standard solution of NH_2Ph similarly treated. Quantities of 6—70 mg. of C_6H_6 may be determined by this method with an error $\geq$ 3%. This method is also applicable to the determination of the C_6H_6 content of benzine, 3—5 c.c. of which are added in a thin stream to the H_2SO_4-HNO_3 mixture, which is then further treated as above.

R. Truszkowski.

B I 2

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

CA

14

o-Tolidine method for determination of active chlorine in the water of city water-mains. A. A. Garrilov (Sanitation and Hygiene Lab., Stalin Region). *Zhur. Anal. Khim.* 4, 365 8(1949).—This method is based on the color developed when free Cl reacts with *o*-tolidine. To prep. the reagent dissolve 1 g. of *o*-tolidine in 1 l. of 10% HCl. To det. free Cl, place 1 ml. of reagent into a Nessler tube, add 100 ml. of analyzed H_2O, shake, keep in a dark place for 5-10 min. and compare color. Color standards for comparision are prepd. from solns. of $CuSO_4$ and $K_2Cr_2O_7$ taken in various proportions. It is important to have these salts pure. Fe and nitrites are likely to affect the results. Their effects are practically voided by addn. of 1 ml. of 30% HCl to the analyzed soln. Such addn. permits detn. of free Cl in the presence of 1 mg. of Fe and 0.3 mg. of nitrite.

M. Hoveh

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A. A.

35832 K voprosu ob ortotolidinovom metode opredeleniya aktivnogo khlora v vode gorvodoprovod
zhurnal analit khimii, 1949, vyp. 6, s. 365-68

SO: Lepotis' Zhurnal'nykh Statey, No. 49, 1949

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

[illegible], A. A.

29225 O pit'evom vodosnabzhenii na prompredpriya-tiyakh. Gigiena i sanitariya, 1949, no 8, s. 46-47

SO: Letopsi' Zhurnal'nykh Statey, Vol. 39, Moskva, 1949

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.A.

Continuous warping. Tekst.prom. 21 no.11:53-55 N '61. (MIRA 14:11)

1. Starshiy inzhener filiala proyektno-konstruktorskogo byuro po l'nyanoy promyshlennosti (g. Vyazniki).
(Warping machines)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.A., starshiy inzhener

Yarn loop flying off from hollow cops. Tekst.prom. 22 no.4:53-54 Ap '62. (MIRA 15:6)

1. Filial proyektno-konstruktorskogo byuro L'nyanoy promyshlennosti, g. Vyazniki.

(Looms)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

SAVRILOV, A.I.; [illegible]

Automating the operation of an electric sinking pump. Neftepromysl. delo no.12:21-24 '64. (MIRA 18:3)

1. Neftepromyslovoye upravleniye "Oktyabrskneft'".

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.A.

Albitized injectional clastic bodies in the Ordovician sediments of the Southern Urals. Dokl. AN SSSR 160 no.5:1155-1158 F '65.
(MIRA 18:2)

1. Geologicheskiy institut AN SSSR. Submitted November 26, 1964.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.A.

Ordovician volcanic sedimentary complex of the Southern Urals. Lit. i pol. iskop. no.3:3-17 My-Je '65.

(MIRA 18:10)

1. Geologicheskiy institut AN SSSR, Moskva.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.F.

Primeneniye kharakteristik k priblizhennomu chislennomu integrirovaniyu lineynykh uravneniy s chastnymi proizvodnymi vtorogo poryadka giperbolicheskogo tipa. (volnovoye uravneniye) L., Nauchno-Tekhn. sb. elektrotekhn. in-ta svyazi, 1 (1933), 5-15.
Primeneniye kharakterstik k priblizhennomu chislennomu integrirovaniyu lineynykh uravneniy s chastnymi proizvodnymi vtorogo poryadka giper bolicheskogo tipa, II. L., Nauchno-tekhn. sb. Elektrotekhn. in-ta svyazi, 4-5 (1934), 147-156.
Primeneniye kharakterstik k priblizhennomu chislennomu integrirovaniyu lineynykh uravneniy s chastnymi proizvodnymi vtorogo poryadka giper bolicheskogo tipa. L., Trudy vtorogo vsesprusn. Matem. Sezda, T.2 (1936), 393-397.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A.G.,
Markushevich, A.I.,
Rashevskiy, P.K.
Moscow-Leningrad, 1948

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A. F.

57/49T47

USSR/Mathematics Apr 49
Academy of Sciences

"Mathematician Innovators," A. F. Gavrilov, 4 pp

"Priroda" No 4

Describes accomplishments of three mathematicians who won Stalin Prizes in 1948: V. I. Smirnov completed 5-volume work, "Course in Higher Mathematics." G. M. Goluzin prepared the books, "The Method of Variation in Conformal Reflection," and "Theorems on Distortion and Coefficients of Monofolial Functions." N. G. Chebotarev (posthumous award) wrote "Problems of Resolvents."

57/49T47

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A. F.

Gavrilov, A. F. - "The application of the Lyapynove-Krylova method of consecutive approximations for the integration of nonlinear equations in partial derivative," Sbornik trudov Leningr, Elektrotekhn. in-ta svyazi im. Bonch-Bruevicha, Issue 5, 1949, p. 91-96.

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A. F.

"Fourier Series Expansion of sin (z·sinωt) and Similar Functions," Sbornik Trudov LEIS imeni Bonch-Bruyevich, No 6, 1949.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

112-57-7-15561

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1957, Nr 7, p 250 (USSR)

AUTHOR: Gavrilov, A. F.

TITLE: Errors in Books on Pulse Technique
(Oshibki v knigakh po impul'snoy tekhnike)

PERIODICAL: Sb. tr. Leningr. elektrotekhn. in-ta svyazi, 1956, Nr 1, pp 106-109

ABSTRACT: A few mathematical errors are pointed out in two "Impulsnaya Tekhnika" (Pulse Technique) books by Ya. S. Itskhoki and N. N. Krylov. The errors were noticed in the passages treating: (1) determination of frequency spectrum of oscillations; (2) transition from a series to the Fourier integral; and (3) presentation of a function as a double Fourier integral while the conditions of absolute integrability within infinite limits were not satisfied.

A. P. O.

Card 1/1

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.F.

Reminiscences about Fridman; apropos of A.A. Fridman's correspondence. Trudy Inst. ist. est. i tekh. 22:389-400 '59. (MIRA 12:10)
(Fridman, Aleksandr Aleksandrovich, 1888-1925)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

KUZNETSOV, N.V., doktor tekhn.nauk; LUZHNOV, G.I., inzh.; GAVRILOV, A.F.; SEME NOVA, T.F.

Preventing peening in shot blasting cleaning of heating surfaces. Teploenergetika 7 no.10:27-31 O '60. (MIRA 14:9)

1. Vsesoyuznyy teplotekhnicheskiy institut.
(Boilers--Cleaning)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

LUSHNOV, G.I., inzh.; ZVEREV, N.I., kand.tekhn.nauk; GAVRILOV, A.F., inzh.

Experimental determination of resistance coefficients in the pneumatic transportation of pig iron shot. Teploenergetika 8 no.1:15-18 Ja '61. (MIRA 14:4)

1. Vsesoyuznyy teplotekhnicheskiy institut.
(Boilers—Cleaning) (Pneumatic-tube transportation)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

LUZHNOV, G.I., inzh.; ZVEREV, N.I., kand.tekhn.nauk; GAVRILOV, A.F., inzh.; PIGALEV, V.P., inzh.

Pneumatic transportation of shot in boiler systems and methodology for its designing. Elek.sta. 33 no.11:12-19 N '62. (MIRA 15:12)

(Boilers)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

KUZNETSOV, N.V., doktor tekhn. nauk, prof.; GAVRILOV, A.F., inzh.

Air heater with intermediated heat carrier. Teploenergetika 11 no.10:30-34 O '64. (MIRA 18:3)

1. Vsesoyuznyy teplotekhnicheskiy institut.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.F., inzh.; LYAKH, V.Ya.

Air heaters with an intermediate heat carrier. Teploenergetika 12 no.3:11-17 Mr '65. (MIRA 18:6)

1. Vsesoyuznyy teplotekhnicheskiy institut.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

ACC NR: AP7001955 (A) SOURCE CODE: UR/0120/66/000/006/0161/0164

AUTHOR: Itskevich, Ye. S.; Voronovskiy, A. N.; Gavrilov, A. F.; Sukhoparov, V. A.

ORG: Institute of Physics of High Pressures AN SSSR, Moscow (Institut fiziki vysokikh davleniy AN SSSR)

TITLE: High pressure (up to 18 Kbar) chamber for operation at liquid helium temperatures

SOURCE: Pribory i tekhnika eksperimenta, no. 6, 1966, 161-164

TOPIC TAGS: high pressure chamber, metal, single crystal, liquid helium, temperature, beryllium bronze, corundum microlite

ABSTRACT: Two models of a high-pressure (up to 18 kbar) chamber used for studying single crystals of metals and semiconductors in a magnetic field at liquid helium temperatures are described. The chambers (6.5 mm inside diameter) are made of heat-treated beryllium-bronze and the pistons are made of TSM-322 corundum-microlite heat treated to a hardness of 75—78Rc. The required pressure is created in the chamber at room temperature by a hydraulic press. The chamber is then sealed mechanically and placed in a Dewar vessel containing liquid helium. Pressure is measured by means of manganin and superconducting pressure gages. The magnitudes of anisotropy

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

ACC NR: AP7001955

of magnetic resistance and of quantum oscillations of electric resistance of zinc, measured in the chamber, showed that the compression was close to hydrostatic. The heat expansion of the materials used for chamber construction were tested at temperatures from 77K to 20C. It was found that the heat expansion coefficient of corundum-microlite is significantly smaller than that of beryllium-bronze. Thus, using a second material in the chamber should not lead to pressure losses when the temperature drops. Orig. art. has: 4 figures and 1 table.

SUB CODE: 13, 20/ SUBM DATE: 11Dec65/ ORIG REF: 003/ OTH REF: 003/
ATD PRESS: 5112

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.G.

Preparation of potassium-calcium phosphate (thermo).
Izv.vys.ucheb.zav.;khim.i khim.tekh. 4 no.3:437-445 '61.
(MIRA 14:10)

1. L'vovskiy politekhnicheskiy institut, kafedra tekhnologii neorganicheskikh veshchestv.
(Fertilizers and manures)
(Phosphates)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV A. I.

USSR/Diseases of Farm Animals. Diseases Caused by Viruses and Rickettsiae. R-1

Abs Jour : Ref Zhur-Biol., No 20, 1958, 92692

Author : Gavrilov, A. I.
Inst : Vitebsk Veterinary Institute.
Title : Pathological and Anatomical Changes in the Central Nervous System of Bovines in the Presence of Maligant Catarrhal Fever (2nd Report).

Orig Pub : Uch. zap. Vitebskogo vet. in-ta, 1956, 14, No 1, 45-62

Abstract : No abstract.

Card : 1/1

9

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

Country : USSR
Category : Farm Animals - Cattle.
Abs. Jour : Ref Zhur-Biol., No 14, 1958, 72997

Author : Gavrilov, A. I.
Institut. : Vitebsk Veterinary Institute.
Title : The Histological Changes of the Central Nervous System in Oxen-Predrecers of Antierysipelas Immune Serum.
Orig Pub. : Uch. zap. Vitebskogo vet. in-ta, 1957, 15, 45-49
Abstract : No abstract.

Card: 1/1

16

GAVRILOV, A. I.

USSR/Diseases of Farm Animals - Noncontagious Diseases.

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

The Swine.

ABS. JOUR. : RZhBiol., No. 3, 1959, No. 12040

AUTHOR : Gavrilov, A. I.; Akulinin, A. A.; Znakov, M.S.
INST. : Vitebsk Institute of Veterinary Science.
TITLE : The Sympathetic Nerves of the Gastro-Intestinal Tract in the Pig (Experimental Morphological Investigation).
ORIG. PUB. : Uch. zap. Vitebskogo vet. in-ta, 1957, 15, 173-177
ABSTRACT : It was demonstrated on 64 carcasses of pigs 3 months to 2 years old and experimentally on 6 piglets 1-2 months old that the sympathetic nerve trunks leading from the splanchnic and cranial mesenteric gangliaare the basic nerve ducts affluent to the gastro-intestinal tract (GIT). Experiments in which these ganglia were removed and visceral nerves were severed, testify to the fact that the fibers which flow from the ganglia innervate all sectors of GIT. Seventy-two hours after the operation,

Card: 1/2

COUNTRY : USSR
CATEGORY :
ABS. JOUR. : RZhBiol., No. 1959, No.
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

ABSTRACT : dystrophic changes developed in nerve fibers of the wall of the various GIT sectors, especially in the jejunum and the ileum and in the stomach.

CARD: 2/2

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.I., (BSSR, g.Vitebsk, ul. Chekhova, d.4, kv.2), AKULININ, A.A. ZHAKOV, M.S.

Sympathetic nerves of the gastrointestinal system in swine. Arkh.anat., gist. i embr. 35 no.5:108-110 S-O '58 (MIRA 11:12)

1. Kafedra normal'noy anatomii (zav. - dots. A.A. Akulinin) i kafedra patologicheskoy anatomii (zav. - prof. A.I. Gavrilov) Vitebskogo veterinarnogo instituta.

(GASTROINTESTINAL SYSTEM, innervation,
sympathetic nerves in swine (Rus))
(SYMPATHETIC NERVOUS SYSTE, anat. & histol.
gastrointestinal innervation in swine (Rus))
(SWINE,
sympathetic gastrointestinal innervation (Rus))

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

L 05104-67

ACC NR: AP6013241 SOURCE CODE: UR/0413/66/000/008/0033/0034

24
B

AUTHORS: Dodik, S. D.; Gavrilov, A. I.

ORG: none

TITLE: A device for the composite protection of a semiconductor voltage stabilizer. Class 21, No. 180643

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 33-34

TOPIC TAGS: voltage stabilizer, circuit design; electric protective equipment

ABSTRACT: This Author Certificate presents a device for the composite protection of a semiconductor voltage stabilizer from overloads, a short circuit in the output of the stabilizer, and a depression of the voltage larger or smaller than the specified values. The design simplifies the device and increases its reliability. The collectors of all semiconductor triodes operating in the comparison circuits are connected through the relay winding with the minus power supply source. These collectors are connected through the normally closed relay contact and resistor to the positive power supply source. The normally closed relay contact is connected to the collector circuit of the control transistor.

UDC: 621.316.93

Card 1/1 vmb

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.I.

Limiting the speed of hoisting machinery. Bezop.truda v prom. 7 no.2: 30 F '63. (MIRA 16:2)

1. Glavnyy elektromekhanik upravleniya Chitinskogo okruga Gosudarstvennogo komiteta pri Sovete Ministrov RSFSR po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru.
(Hoisting machinery—Safety appliances)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.I., inzh.-elektromekhanik

Design a compact winch for minor hoistings. Bezop.truda v prom. 1 no.10:33 O '57. (MIRA 10:11)

1. Upravleniye Chelyabinskogo okruga Gosgortekhnadzor SSSR.
(Winches)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A. I.

IAKubovich, I. IA., Makarov, S. P., Gavrilov, A. I.- "Synthesis of organoelemental compounds of the aliphatic series by the diazo method. Part 4. Synthesis of compounds of the elements of the 4th group - organic tin compounds. (p. 1788)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1952, Vol. 22, No. 10

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A. I. PA 12/49T60

USSR/Engineering Sep 48
Refractory Materials
Refractories

"Protective Coatings and Glazes," A. K. Karklit, and A. I. Gavrilov, 2 pp

"Ogneupory" Vol XIII, No 9

Report of experiments carried out by Inst of Refractory Materials. Results show value of such coatings for protecting refractories. Illustrated by photograph. Discrepancies between results and data given by Poluboryarinov and Trokhimovskaya. ("Ogneupory", 1948, No 7).

[redacted]

12/49T60

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A. K.

AID P - 1934

Subject : USSR/Engineering

Card 1/1 Pub. 29 - 14/31

Author : Gavrilov, A. K., Foreman

Title : Utilizing the heat of the water coming from Martens furnaces

Periodical : Energetik, 3, 20 - 21, Mr 1955

Abstract : The author presents a brief note about the utilization of heat in the water coming from Martens furnaces for feeding the zeolite water softening system of a metallurgical plant. One drawing.

Institution: One drawing

Submitted : No date

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.K., dots., kand.tekhn.nauk

Investigating the effect of radiator-fan performance on the thermal condition and economic efficiency of tractor engines. Trudy Sib.avt.-dor.inst. no.6:21-39 '57. (MIRA 12:2)
(Tractors--Engines)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.K., dots., kand. tekhn. nauk

Selecting optimum ignition timing for heating up the engine.
Trudy Sib.avt.-dor.inst. no.6:41-47 '57. (MIRA 12:2)
(Automobiles--Engines)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.K., kand.tekhn.nauk; SHEVCHENKO, P.L.

Increasing the reliability of engine cooling systems. Avt.prom. 28 no.1:11-14 Ja '62. (MIRA 15:2)

1. Sibirskiy avtomobil'no-dorozhnyy institut imeni V.V. Kuybysheva.
(Automobiles—Engines—Cooling)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

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GAVRILOV, A.K., kand. tekhn. nauk

Studying the stress in the fan elements of the KDM-100 engine.
Trakt. i sel'khozmash. no.10:9-11 O '64. (MIRA 17:12)

1. Sibirskiy avtomobil'no-dorozhnyy institut im. V.V. Kuybysheva.

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GAVRILOV, A.K., kand.tekhn.nauk; ZENZIN, Yu.A., inzh.

Studying elements of the air conduit of the D-37M engine using integrators based on electrohydrodynamic analogy. Trakt. i sel'khozmash. no.2:7-9 F '65. (MIRA 18:4)

1. Sibirskiy avtomobil'no-dorozhnyy institut im. V.V.Kuybysheva.

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GAVRILOV, A.K., kand. tekhn. nauk

Intensification of convective heat transfer in the cooling-system radiator of the SMD-14 engine. Izv. vys. ucheb. zav.; mashinostr. no.7:104-109 '65. (MIRA 18:12)

1. Submitted July 8, 1964.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

ZENZIN, Yu.A.; BOBROV, V.P.; GAVRILOV, A.K.; CHIRIK, P.I.; KATOL'NIK, V.M.

Stand for controlling the aerodynamic resistance of cylinders and heads of air-cooled engines. Trakt. i sel'khozmash. no.8: 14-15 Ag '65. (MIRA 18:10)

1. Sibirskiy avtomobil'no-dorozhnyy institut im. V.V. Kuybysheva i Vladimirskiy traktornyy zavod im. A.A. Zhdanova.

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L 07863-67 EWT(d)/EWT(l)/EWP(m)/EWT(m)/EWP(f)/EWP(c)/EWP(v)/EWP(k)/EWP(l)

ACC NR: AP6011246 FDN SOURCE CODE: UR/0413/66/000/006/0090/0090

AUTHORS: Zenzin, Yu. A.; Bobrov, V. P.; Gavrilov, A. K.; Chirik, P. I.; Katol'nik, V. M.

68 B

ORG: none

TITLE: An aerodynamic chamber for inspecting the cylinders and heads of internal combustion engines by their aerodynamic resistance. Class 42, No. 179965

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 90

TOPIC TAGS: aerodynamic test, aerodynamics, internal combustion engine, high pressure chamber

ABSTRACT: This Author Certificate presents an aerodynamic chamber for inspecting the cylinders and heads of internal combustion engines by their aerodynamic resistance. The chamber is connected to a measuring pipe which contains a throttle provided with a device for holding the inspected object and with a U-shaped liquid manometer. The latter records the pressure at the entrance to the measuring pipe, this pressure being indicative of the aerodynamic resistance offered by the inspected object. To provide a means for marking the object being inspected, the device contains a marking equipment with several scribers capable of producing a symbol corresponding to a given aerodynamic resistance. The liquid manometer of the pipe is provided along its

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height with photoresistors responding to the movement of the liquid level. The number of these photoresistors is equal to the number of scribers, and each resistor is electrically connected with one of the markers. To check the pressure in the chamber, a single photoresistor may be placed on the liquid manometer of the chamber and may be electrically connected to the marking device.

SUB CODE: 20,13/ SUBM DATE: 04May64

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.M.

[Vegetable gardening on the Lenin Collective Farm, Slobodzeya District] Ovoshchevodstvo kolkhoza im. Lenina, Slobodzeiskogo raiona. Kishinev, 1956. 39 p. (In Moldavian) (MLRA 10:6)
(Vegetable gardening)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A. M., AND A. V. KONSTANTINOV

Tekstil'nye materialy v samoletostroenii. (Moskva), Oborongiz, 1949.

Title tr.: Textile materials in aircraft construction.

NCF

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

COUNTRY : USSR
CATEGORY : Cultivated Plants. General Problems.
ABS. JOUR. : Ref Zhur -Biologiya, No. 5 , 1959, No. 20197
Author : Gavrilov, A.M.
INST. : --
TITLE : Stubble Plantings with Irrigation in Stalingradskaya Oblast.
ORIG. PUB. : S. kh. Povolozh'ya , 1958, No.8, 35-36
ABSTRACT : No abstract

CARD : 1/1

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.M.

Automatic control and telemechanization of power installations of the Likhachev Automobile Plant in Moscow. Prom.energ. 15 no.3:1-4 Mr '60. (MIRA 13:6)
(Automatic control) (Moscow--Automobile industry)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, Aleksandr Mikhaylovich

Gidrologiya I Narodnoye Khozyaystvo (By) A.M. Gavrilov (1) I.V. Popov. Leningrad, Gimiz, 1960.
182 (1) p. illus., diagrs., graphs, maps, tables.
Bibliography: p. 182-(183).

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRICH, A.V., [illegible]

"Practical Hydrology (For Practical Workers and Hydrometeorological Observers)' Prakticheskaya Gidrologiya 1943 106 pp

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GAVRILOV, A.M.

[U.S.S.R. rivers in the country's service] Reki SSSR na sluzhbe rodiny. Leningrad, Gidrometeorologicheskoe izd-vo, 1951. 35 p. (MLRA 6:8)
(Rivers) (Inland navigation)

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GAVILOV, A. V.

Village hydroelectric stations and hydrology. Leningrad, Gidrometeorologicheskoe izd-vo, 1952. 33 s. (Nauchno-populiarnaia biblioteka) (54-18035)

TK4 13.G37

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A. M.

USSR/Meteorology - Hydrology, Hydroelectric Power Plants — Jun 52

"Hydrology and Rural Hydroelectric Stations," A. M. Gavrilov, Leningrad State Hydrol Inst

"Meteorol i Gidrol" No 6, pp 3-7

Describes the tremendous development of rural hydroelec stations under Soviet government control. He states that his studies reveal that a tighter bond between hydroelec stations and hydrology is desirable; more attention should be paid to knowledge of water power, particularly to small rivers.

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"K. [illegible] Gained in the Calibration of Rural Hydroelectric Power Plants," [illegible] Gidrologiya, No [illegible], 1955, pp 35-37

Reports and recommendations on procedures and organization for the computation of runoff in the direction of hydroelectric power plants, which are based on the experience gained in the calibrating of two rural hydroelectric power plants. The authors pay particular attention to the selection of the place for the "water directing line" with the aim of measuring the discharge of water under conditions of an artificially recorded runoff during calibration of weir apertures and turbines of hydroelectric plants. (RZhGeol, No 1, 1955) SO: Sum.No. 713, 9 Nov 55

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

NEZHIKHOVSKIY, Ruvim Afroimovich ; GAVRILOV, A.M., redaktor; YASNO-GORODSKAYA, M.M., redaktor; BRAYTINA, M.I., tekhnicheskiy redaktor.

[Neva River] Reka Neva. Leningrad, Gidrometeorologicheskoe izd-vo, 1955. 93 p.
(Neva River) (MLRA 8:12)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, Aleksandr Mikhaylovich; POPOV, Igor' Vladimirovich; YASNOGORODSKAYA, M.M., redaktor; DAVYDOV, L.K., professor, redaktor; BRAYNINA, M.I., tekhnicheskiy redaktor.

[Problems in hydrology and the national economy] Voprosy gidrologii i narodnoe khoziaistvo. Pod red. L.K. Davydova. Leningrad, Gidrometeorologicheskoe izd-vo, 1955. 102 p. (MLRA 8:9)
(Hydrology)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.M.

Conference on karst. Meteor.i gidrol. no.7:61 Jl '56. (MLRA 9:10)
(Karst)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.M.

Concerning N.V. Pikush's article "Calculating flow at hydroelectric power stations." Meteor.i gidrol. no.9:42 S '56. (MLRA 9:11)
(Stream measurements)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.M.

Considering the effect of natural factors on stream flow. Izv. Vses.geog.ob-va 88 no.2:138-146 Mr-Ap '56. (MLRA 9:8)
(Stream measurements)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

ANDREYEVA, N.M.; GAVRILOV, A.M.; KOPLAN-DIKS, S.I.; PETRIKEVICH, N.P.; PROSKURYAKOV, A.K., kand.tekhn.nauk; SEMENOVA, Ye.S.; UKHANOV, V.V.; FLEROVA, R.A.; SHAMOV, G.I. [deceased]; GROSMAN, R.V., red.: SOLOVEYCHIK, A.A., tekhn.red.

[Instructions for hydrometeorological stations and posts] Nastavlenie gidrometeorologicheskim stantsiiam i postam. No.6, pt.1 [Hydrological observations and work on rivers] Gidrologicheskie nabliudeniia i raboty na rekakh. Leningrad, Gidrometeor. izd-vo. 1957. 399 p. (MIRA 12:2)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologicheskoy sluzhby. 2. Sotrudniki Otdela gidrometrii i Laboratorii nanosov i gidrokhimii Gosudarstvennogo ordena Trudovogo Krasnogo Znameni gidrologicheskogo instituta (for all except Grosman, Soloveychik). (Hydrography--Observers' manuals)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

SOV/124-58-8-8820

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 70 (USSR)

AUTHORS: Gavrilov, A.M., Kholodilin, G.K.

TITLE: Experimental Measurements of the Water-flow Rate Through the Turbines of Small Hydroelectric Power Plants (Opytnyye izmereniya raskhodov vody cherez turbiny malykh gidroelektrostantsiy)

PERIODICAL: Tr. Gos. gidrolog. in-ta, 1957, Nr 62, pp 24-39

ABSTRACT: If small hydroelectric power plants, and particularly chains of hydroelectric power plants, are to operate efficiently, strict account must be kept of the rate of water discharge into their respective tail-water basins. The authors discuss the different methods for allowing for the water flow at hydroelectric power plants. Because at the smaller plants the design characteristics of the turbines in most cases are not known, the most commonly used procedure at present for allowing for the rate of water flow through the turbines is based on determining the relationship between the rate of water flow through a turbine Q and either the variable opening of its distributor or the mean hourly power output N as measured by means of a calibration

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Experimental Measurements of the Water-flow Rate (cont.)

method. The calibration is done by means of hydrometry. The authors include a number of examples to demonstrate the calibration system used and the method of working out the above-mentioned relationships in the case of hydroelectric-power-plant turbines. Working out relationships of the $Q = f(N)$ type requires accurate power-output measurements synchronized with measurements of the water-flow rate; these synchronized measurements are provided by meters (used in conjunction with other electrical instruments designed to test the accuracy of the meters).

V.A. Bashkin

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.M.; KHOLODILIN, G.K.

Experience in regular registration of the flow of water by small hydroelectric power stations. Trudy GGI no.62:40-47 '57.
(MIRA 10:12)
(Hydroelectric power stations)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A. M. and P. V. MOLITVIN

Reported on their investigations regarding rivers in karst districts of the USSR

Report presented at the 3rd All-Union Hydrological Congress, 7-17 Oct 1957, Leningrad.

(Izv. Ak Nauk SSSR, ser geograf., 3, pp3-9, '58)

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UKHANOV, V.V.; FLEROVA, R.A.; ZNAMENSKAYA, Ye.M.; SEMENOVA, Ye.S.; ANDREYEVA, N.M.; SKORODUMOV, D.Ye.; GAVRILOV, A.M.; PETRIKEVICH, N.P.. Prinimali uchastiye: MOKHOVA, M.A.; BORSUK, N.V.. PROSKURYAKOV, A.K., otv.red.; SHATILINA, M.K., red.; SOLOVEYCHIK, A.A., tekhn.red.

[Directions for hydrometeorological stations and posts] Nastavlenie gidrometeorologicheskim stantsiiam i postam. Leningrad, Gidrometeor.izd-vo. No.6, pt.3. [Compiling and preparing for printing the yearbook of hydrology] Sostavlenie i podgotovka k pechati gidrologicheskogo ezhegodnika. 1958. 290 p. (MIRA 13:2)

1. Russia (1923- U.S.S.R.) Glavnoe upravlenie gidrometeorologicheskoi sluzhby. 2. Otdel gidrometrii Gosudarstvennogo ordena Trudovogo Krasnogo Znameni gidrologicheskogo instituta (for all except Shatilina, Soloveychik).

(Hydrology--Yearbooks)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

Gavrilov, A.M.

AUTHOR: Gavrilov, A. M. 50-2-8/22

TITLE: **Calculation of the Flow of Water Through Turbines in Large Hydroelectric Power Plants** (Ob uchete stoka cherez turbiny nakrupnykh gidroelektrostantsiyakh).

PERIODICAL: Meteorologiya i Gidrologiya, 1958, Nr 2, pp. 33-35 (USSR)

ABSTRACT: In 1956 the co-operators of the Hydrological State Institute have visited a number of large electric power stations in order to get acquainted with the performance of the "rule for the control of the outflow of large electric power stations and hydroelectric centrals" on the very spot as well as to investigate some details of regular control of the outflow on different conditions.
The basic element in the water consumption at ramming points of a number of big electric power stations is the water consumption by the turbines. In order to determine the quantity of consumption the head of water as well as the average output per hour must be continuously determined. The graphical computation plans of water consumption by the turbines are set up on the basis of turbine characteristics obtained on the occasion of controlling their model in the plant. This is done by means of trans-

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formation of the test data from the model to the actual aggregate, according to the analogous formulae and by means of transition from the power output of the turbine to the power output of the generator by means of the efficiency of the generator. The mentioned method is not the best and should be replaced by another which demands less work.
The following conclusions can be made from the remarks in this paper:

1) The values of ramming pressure which were taken into consideration for the computation of the values of daily water consumption do not correspond in the majority of the electricity plants to the values of the effective head of water. This can be explained by the neglecting of pressure losses, the difference of velocity pressure as well as by the possible difference of the water level in the outlet channels, the diversity of turbines and the lowering of the water level between the measuring points of the water and the turbines. On this occasion water pressure is usually increased by a small extent

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which causes a decrease of water consumption by 3-5% on the average.

2) In view of this fact greatest attention must be paid in all electric power plants to the control of water pressure losses. 2 Water level observation points (water level gauges) must be mounted in each section of the river in immediate vicinity of turbines in the inlet and outlet channels.
For the estimation of the lowering of the water level in the lower section of the channel short termed special observations by means of continuously operating recording instruments and temporarily mounted water meters must be carried out in every electric power plant. These devices should be mounted to the outlet channels of the turbines. According to the results of observation a decision is taken as to the necessity of the determination of computation values of pressure separately for each turbine.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

Calculation of the Flow of Water Through Turbines in Large Hydroelectric Power Plants 50-2-8/22

3) It is necessary to measure greater losses on the inlet grids as to the geometrical head of water (more than 1-2%). In this case the electric power plants must be equipped with permanent devices for the regular measuring of water flow on the grids. Also the difference of velocity pressure must be determined.
There are 4 references, 1 of which is Slavic.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.M.

Calibration results of a discharge opening in the dam of a small hydroelectric power station under natural conditions. Trudy GGI no.70:30-35 '58. (MIRA 11:11)
(Hydroelectric power stations)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, Aleksandr Mikhaylovich; POPOV, Igor' Vladimirovich; ZVORYKIN, K.A., otv.red.; DAVYDOV, L.K., prof., red.; YASNOGORODSKAYA, M.M., red.; SERGEYEV, A.N., tekhn.red.

[Hydrology and the national economy] Gidrologiia i narodnoe khoziaistvo. Pod red. L.K.Davydova. Leningrad, Gidrometeor. izd-vo, 1960. 182 p. (MIRA 13:8)
(Hydrology--Research)

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GAVRILOV, Aleksandr Mikhaylovich, kand.geogr.nauk; KARANOVA, Kira Sergeyevna, kand.geogr.nauk; PROSKURYAKOV, Andrey Konstantinovich, kand.tekhn.nauk; IVZHENKO, A.Kh., red.; VLADIMIROV, O.G., tekhn.red.

[Principles of calculating water discharge at hydroelectric power stations] Osnovy ucheta stoka na gidroelektrostantsiiakh; posobie dlia gidrologov. Leningrad, Gidrometeor.izd-vo, 1960. 342 p. (MIRA 14:1)
(Hydroelectric power stations)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.M.

Influence of karst upon the runoff of small rivers. Izv.Vses. geog. ob-va 92 no.3:251-262 My-Je '60. (MIRA 13:6)
(Karst) (Runoff)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, Aleksey Maksimovich; kand.sel'skokhoz.nauk; FEDOROV, N.A., red.; IZHBOLDINA, S.I., tekhn.red.

[Two yields a year; growing stubble and companion crops in Stalingrad Province] Dva urozhaia v god; vozdelyvanie poshnivnykh i podsevnykh kul'tur v Stalingradskoi oblasti. Stalingrad, Stalingradskoe knizhnoe izd-vo, 167 p.
(MIRA 14:3)

(Field crops)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.M., kand.sel'skokhozyaystvennykh nauk

Use irrigated lands more intensively. Zemledelie 23 no.12:11-14 D '61. (MIRA 15:1)

1. Volgogradskiy sel'skokhozyaystvennyy institut.
(Irrigation farming)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, Aleksey Maksimovich; KOVYRYALOV, Yuriy Platonovich; KUKLIN, P.V., red.; IZHBOLDINA, S.I., tekhn. red.

[Reclaiming floodlands in Stalingrad Province] Osvoenie poimennykh zemel' Stalingradskoi oblasti. Stalingrad, Stalingradskoe knizhnoe izd-vo, 1961. 138 p. (MIRA 14:11)

1. Kafedra zemledeliya Stalingradskogo sel'skokhozyaystvennogo instituta (for Gavrilov). 2. Sekretar' rayonnogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza (for Kovyryalov).
(Volgograd Province—Drainage)
(Volgograd Province—Agriculture)

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PUSHEK, B.S., kand geogr. nauk; POPOV, I.V., kand. geogr. nauk; OBRAZTSOV, I.N., inzh.; FEDOROV, N.N., kand. tekhn. nauk; GRUSHEVSKIY, M.S., kand. tekhn. nauk; KRIVOSHEY, B.Z., inzh.,; POPOV, O.V., star. nauchnyy sotr.; PIKUSH, N.V., kand. tekhn.nauk; LEVIN, A.G., kand. tekhn. nauk; ZHIDIKOV, A.P., inzh.; GAVRILOV, A.M., kand. geogr. nauk; KONDRAT'YEV,N.Ye., kand. tekhn.nauk, red.; URYVAYEV, V.A., kand. tekhn. nauk, red.; SHATILINA, M.K., red.; SOLOVEYCHIK, A.A., tekhn. red.

[Investigation of unsteady flow of water in the Tvertsa and Oredezh Rivers] Issledovaniia neustanovivshegosia dvizheniia vody na rekakh Tvertse i Oredezh. Pod red. N.E.Kondrat'eva i V.A.Uryvaeva. Leningrad, Gidrometeor. izd-vo, 1961. 287 p. 6 charts (in pocket) (MIRA 14:8)

1. Leningrad. Gosudarstvennyy gidrologicheskiy institut.
(Tvertsa River—Hydrology) (Oredezh River—Hydrology)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, Aleksandr Mikhaylovich; IVANOV, K.Ye., prof., nauchn. red.; MIRONENKO, Z.I., red.

[Fundamentals of calculating the runoff in hydroelectric power stations; textbook for hydrologists] Osnovy ucheta stoka na gidroelektrostantsiiakh; posobie dlia gidrologov. Leningrad, Gidrometeoizdat, 1965. 416 p. (MIRA 18:12)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GRINENKO, L.N.; ANDREYEVA, M.G.; GAVRILOV, A.M.

Some data on isotope composition in sulfur sulfides of the gold ore deposits of the Baley region (eastern Transbaikalia). Geokhimiia no.3:325-336 Mr '65. (MIRA 18:7)

1. TSentral'nyy nauchno-issledovatel'skiy gorno-razvedochnyy institut redkikh, rasseyanykh i blagorodnykh metallov, Moskva.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

ZHIGULIN, V.I.; GAVRILOV, A.M.; KATZ, I.M.

Ramming a new open-hearth furnace hearth bottom. Metallurg 10 no.3:16-17 Mr '65. (MIRA 18:5)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A. M. Cand Agr Sci -- (diss) "Post-harvest and additional early sowing crops in the irrigated agriculture of the Volgo-Akhtubinsk bottom lands." Stalingrad, 1957. 23 pp (Min of Agr USSR. Stalingrad Agr Inst), 150 copies (KL, 42-57, 93)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.M., kand.sel'skokhoz. nauk

Stubble crops in Volgograd Province. Zemledelie 25 no.7:45-47 Jl '63.
(MIRA 16:9)

1. Volgogradskiy sel'skokhozyaystvennyy institut.
(Volgograd Province—Field crops)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, Aleksandr Nikanorovich; KHAVINSON, Yu.I., red.; PONOMAREVA, A.V., tekhn. red.

[Maintenance and adjustment of the electrical equipment of motor vehicles and tractors] Tekhnicheskoe obsluzhivanie i regulirovka avtotraktornogo elektrooborudovaniia. Irkutsk, Irkutskoe knizhnoe izd-vo, 1963. 78 p. (MIRA 17:1)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, L. V.

"Technology of Aviation Instrument Construction." Sub 20 Nov 51, Moscow Order of Lenin Aviation Inst imeni Sergo Ordzhonikidze.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 457, 8 May 52.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.N.

[Technology of aviation instrument making] Tekhnologiia aviatsionnogo priborostroeniia. 1951. 460 p. (MLRA 8:9)
(Aeronautical instruments)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.N.; MYUYR, V.N.

[Methods of increasing labor productivity in tool making] Puti povysheniia proizvoditel'nosti truda v priborostroenii. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1953. 238 p. (MLRA 6:8)
(Machine-tool industry)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.N.

GAVRILOV, A.N., doktor tekhnicheskikh nauk, redaktor; MALOV, A.N., dotsent, [illegible] tekhnicheskikh nauk, retsenzent; RUSHVICH, I.M., inzhener, redaktor; POPOVA, S.M., tekhnicheskiy redaktor

[Progressive practice in instrument making] Progressivnaia tekhnologiia priborostroeniia. Moskva, Gos. nauchno tekhn. izd-vo mashinostroit. i sudostroit. lit-ry, No.3. [Instrument parts production techniques] Tekhnologiia proizvodstva elementov priborov. Pod red. A.N.Gavrilova. 1953-320 p. (MLRA 8:3)

1. Vsesoyuznoye nauchnoye inzhenerno-tekhnicheskoye obshchestvo mashinostroiteley i priborostroiteley.
(Instruments)

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SOVETSKA VEDA, STROJIRENSTVI (Soviet Science, Mechanical Engineering, Czechoslovakia)
Vol 4, No. 4, July-August, 1954

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.N., doktor tekhnicheskikh nauk, professor; RUSEVICH, I.M., inzhener, redaktor; ARTEM'IEVA, A.Yu., redaktor; MATVEYEVA, Ye.N., tekhnicheskiy redaktor.

[Advanced technology in instrument making] Progressivnaia tekhnologiia priborostroeniia. Pod red.A.N. Gavrilova. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry. No.4 [Technology of instrument parts production] Tekhnologiia proizvodstva elementov priborov. 1955. 214 p. (MIRA 9:5)

1. Vsesoyuznoye nauchnoye inzhenerno-tekhnicheskoye obshchestvo mashinostroiteley i priborostroiteley.
(Instruments industry)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

RABINOVICH, Avraam Nokhimovich, professor, doktor tekhnicheskikh nauk; SERDYUK, V.K., inzhener, redaktor; GAVRILOV, A.N., doktor tekhnicheskikh nauk, professor, retsenzent; KUDRINSKIY, Ya.V., tekhnicheskiy redaktor.

[Automatization and mechanization of selected processes in machine and instrument construction] Avtomatizatsiia i mekhanizatsiia sborochnykh protsessov v mashinostroenii i priborostroenii. Kiev, Gos.naucho-tekh.izd-vo mashinostroitel'noi lit-ry, 1956. 171 p. (MIRA 9:4)

(Automation) (Machinery industry)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A.N.

Automatization and mechanization of production processes in the instrument industry. Priborostroenie no.2:1-6 F '57. (MLRA 10:4)
(Instrument industry) (Automatic control)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV, A. N.

Tekhnologiya Izgotovleniya Detaley Aviatsionnykh Priborov (Technology of Producing Aviation Instrument Parts), by A. N. Gavrilov, Oborongiz, Moscow, 1956, 388 pp

This book has been approved by the Ministry of the Aviation Industry USSR as a text for use in aviation instrument building tekhnickums.

It describes the general and theoretical aspects of selecting the proper technological means for the production of instruments. A study is made of the general production methods most characteristic to instrument building as well as the technology of producing typical parts such as stems, gears, threads, springs, magnets, measuring scales and dials, housings, etc.

The author describes for each instrument part its machining and accuracy requirements, the metal to be used, heat-treating requirements, and other production considerations necessary for the part to meet its desired functional requirements within the instrument as a whole.

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25(2) PHASE I BOOK EXPLOITATION SOV/2118

Gavrilov, A.N., Doctor of Technical Sciences, Professor; P.I. Kovalev; B.A. Khokhlov; and N.F. Zherdev

Al'bom prisposobleniy dlya metallorezhushchikh stankov, primenyayemykh v priborostroyenii (Album of Fixtures for Metal-Cutting Tools Used in the Instrument-Making Industry) Moscow, Mashgiz, 1958. 166 p. 5,000 copies printed.

Ed.: A.N. Gavrilov, Doctor of Technical Sciences, Professor; Scientific Ed. of Publishing House: G.F. Kochetova; Tech. Ed.: Ye.S. Gerasimova; Managing Ed. for Literature on Machine Building and Instrument Making (Mashgiz): N.V. Pokrovskiy, Engineer.

PURPOSE: The album is intended for tool designers and process engineers. The album may also be used as a textbook by students in vtuzes and machine-tool tekhnikums in connection with projects and work leading to a diploma.

COVERAGE: This album is intended to facilitate the work of creating better machine-tool fixtures. There are 180 drawings of the more common and characteristic fixtures from some twenty instrument-making plants. There are brief explanations

Card 1/2

Card 2/2

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GAVRILOV, A N

PHASE I BOOK EXPLOITATION 761

Nauchno-tekhnicheskoye obshchestvo priborostroitel'noy promyshlennosti

Avtomatizatsiya i mekhanizatsiya protsessov proizvodstva v priborostroyenii (Automation and Mechanization of Production Processes in Instrument Manufacturing) Moscow, Mashgiz, 1958. 591 p. 8,500 copies printed.

Ed.: Gavrilov, A. N., Doctor of Technical Sciences, Professor; Reviewer: Vladziyevskiy, A. P., Doctor of Technical Sciences; Ed. of Publishing House: Kochetova, G. F., Engineer; Tech. Ed.: Model', B. I.

PURPOSE: This book is intended for engineers, technicians, and scientific personnel concerned with mechanization and automation of production processes in instrument manufacturing, and for students and teachers of this subject in vtuzes.

COVERAGE: The book describes the characteristic features of the present state of mechanization and automation of production processes in the instrument industry. Part 1. describes the planning of automation means, the theory of precision, economic efficiency under automated production conditions, and also

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the theory and practice of overall mechanization and automation. Parts 2, 3, and 4 discuss the most characteristic and effective methods and means of automation and mechanization in all stages of instrument manufacturing. No personalities are mentioned. There are no references.

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PHASE I BOOK EXPLOITATION 1121

Gavrilov, Anatoliy Nikolayevich and Myuyr, Valentin Nikolayevich .

Rezervy i puti povysheniya proizvoditel'nosti truda v priborostroyenii (Potentials and Means for Increasing Labor Productivity in Instrument Manufacture) Moscow, Mashgiz, 1958. 642 p. 2,500 copies printed.

Reviewers: Polyakov, N.I., Professor and Galey, M.T., Candidate of Technical Sciences; Ed.: Avrutin, S.V., Docent; Ed. of Publishing House: Salyanskiy, A.; Tech. Ed.: Uvarova, A.F.; Managing Ed. for Literature on the Economics and Organization of Production (Mashgiz): Saksaganskiy, T.D.

PURPOSE: The book is intended for engineering and technical personnel of the instrument manufacturing industry.

COVERAGE: This book discusses basic ways and means for increasing labor productivity in instrument manufacturing operations and it covers the full production cycle including the design and developmental phase of engineering processes as well as actual manufacturing of the final product. Modern methods of casting and pressure forming, making plastic parts, machining metal parts, and assembling instruments are fully described and discussed.

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Potentials and Means (Cont.) 1121

Methods of overall automatization of production processes are reviewed and explained. There are 49 references of which 47 are Soviet, 1 German, and 1 reference to non-Soviet magazines.

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A004/A001

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1960, No. 9, p. 265, # 45196

AUTHOR: Gavrilov, A.N.

TITLE: State and Fundamental Problems of the Theory of Manufacturing Accuracy in Mechanical Engineering and Instrument-Making

PERIODICAL: V sb.: Osnovn. vopr, tochnosti, vzaimozamenyayemosti i tekhn. izmereniy v mashinostr. Moscow, Mashgiz, 1958, pp. 24-39

TEXT: The author analyzes three trends in solving problems of accuracy in mechanical engineering and instrument-making: the structural, technological and metrological trends. Special attention is given to the production technology in the following stages: 1) Problems of general science and procedure; 2) investigations of individual technological processes; 3) analysis and synthesis of accuracy of technological processes as a whole, concerning all stages of machine part tooling; 4) analysis and synthesis of accuracy of the manufacture of articles (devices, assemblies, machines) as a whole. The author studies problems of statistical investigations of the accuracy of technological processes, using

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A004/A001

State and Fundamental Problems of the Theory of Manufacturing Accuracy in Mechanical Engineering and Instrument-Making

a number of scientific works as example, which play a great role in establishing theoretical foundations of accuracy calculations of individual processes, as well as problems of analysis and synthesis of accuracy of production processes of machine parts and articles as a whole.

K.I.Yu.

Translator's note: This is the full translation of the original Russian abstract.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

GAVRILOV A.N.
p.2

PHASE I BOOK EXPLOITATION

SOV/4161
SOV/11-S-116

Moscow. Aviatsionnyy institut imeni Sergo Ordzhonikidze

Voprosy teorii tochnosti proizvodstva v priborostroyenii; sbornik statey (Problems in the Precision Theory of Instrument Manufacture; Collection of Articles) Moscow, Oborongiz, 1959. (Series: Its: Trudy, vyp. 116) 190 p. Errata slip inserted. 4,150 copies printed.

Sponsoring Agency: USSR. Ministerstvo vysshego obrazovaniya.

Ed. (title page): A.N. Gavrilov, Doctor of Technical Sciences, Professor; Ed. (inside book): S.I. Bumshteyn, Engineer; Ed. of Publishing House: N.A. Gortsuyeva; Tech. Ed.: N.A. Pukhlikova; Managing Ed.: A.S. Zaymovskaya, Engineer.

PURPOSE: This book is intended for design engineers, process engineers, and students in advanced courses at instrument-manufacture departments of schools of higher technical education.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514420018-6

Problems in the Precision Theory (Cont.) SOV/4161

COVERAGE: The collection of articles deals with general problems in the precision theory of instrument manufacture. The theory and practice of calculating process precision for typical processes and products of the aircraft-instrument and component industries are also discussed. References follow several of the articles.

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